Vacuum Solar Heat Collector

For more efficient use of solar energy

Terada Ironworks
www.2.solars.jp

The company started its ironworks in 1917. For more than 10 years; Terada Ironworks works to develop a better use of solar energy.

Solar thermal technology is used to collect sunlight and transform it into heat that can be stored and later transformed into electricity. Solar heat collection is up to 70% more efficient in collecting heat from the sun compared to solar PV (photovoltaic) technology. Terada Ironworks developed a double-walled vacuum solar heat collector to efficiently transform the solar energy into usable forms of energies such as heat and electricity. The double-walled vacuum tubes enables the solar heat collection even in the coldest winter days.

Terada solar heat collector is ideal for heating & cooling of a large scale building (cold from the heat technology is required). Solar cooling will be the future standard.